

We claim:

1. A server management system comprising:

a plurality of user stations for multiplexing signals
output from associated keyboards and mouse devices, and for
5 providing an interface to a video display;

a matrix switching unit for enabling a plurality of users
to operate a plurality of remotely located computers, wherein
said matrix switching unit is coupled to at least one of said
user stations by a single CAT5 cable; and

10 a computer interface module coupled to said matrix
switching unit and coupled to said remotely located computers
for establishing a communications pathway between said user
stations and said remotely located computers, wherein said
15 remotely located computers provide video signals to said video
display via said matrix switching unit and wherein said user
stations provide data from said keyboard and said mouse devices
to said remotely located computers via said matrix switching
unit.

2. A server management system comprising:

20 a plurality of user stations for multiplexing signals
output from associated keyboards and mouse devices, and for

providing an interface to a video display;

a matrix switching unit for enabling a plurality of users to operate a plurality of remotely located computers, wherein said matrix switching unit is coupled to at least one of said user stations; and

a computer interface module coupled to said matrix switching unit via a single CAT5 cable and coupled to said remotely located computers for establishing a communications pathway between said user stations and said remotely located computers, wherein said remotely located computers provide video signals to said video display via said matrix switching unit and wherein said user stations provide data from said keyboard and said mouse devices to said remotely located computers via said matrix switching unit.

3. A method of providing an efficient interface between a multiplicity of computers, keyboards, mouse devices and video monitors comprising:

connecting at least one user station with associated keyboards, mouse devices, and a video display with a matrix switching unit via a single CAT5 cable for enabling a user to operate a remotely located computer;

connecting said matrix switching unit with at least one
computer interface module via a single CAT5 cable, wherein said
computer interface module establishes a communications pathway
between said user stations and said remotely located computers,
5 and wherein said remotely located computers provide video
signals to said video display via said matrix switching unit
and wherein said user stations provide data from said keyboard
and said mouse devices to said remotely located computers via
said matrix switching unit.

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